

# Science Study Guide: Biodiversity

In science we have been learning about the meaning of “biodiversity”. In the following test, you will be expected to know and demonstrate the following:

- Define the term biodiversity and give examples;
- Identify and define the different levels of biodiversity (e.g., species, genetic and ecosystem diversity);
- Explain why diversity is important between species and within communities of living things;
- Understand how scientists classify living things;
- Be able to identify the different classification systems and give examples
  - Kingdom Monera, Kingdom Protista, Kingdom Fungi, Kingdom Animalia, Kingdom Plantae
  - Vertebrates: Mammals, Fish, Reptiles, Amphibians, Birds
  - Invertebrates: Mollusks, Arthropods, Worms, Echinoderms, Cnidarians
- Be able to compare different organisms based on classification systems taught or identify the what class these organisms belong to when given a picture or a description;
- To use appropriate scientific vocabulary taught throughout the unit so far and through their readings;

## Ways in which you can study include:

- Revising and reading your student resources (handouts) and creating study notes;
- Watching videos which have been posted on the class website in the science tab;
- Getting together with a friend and quizzing each other;
- Creating your own questions to answer;
- Playing the games that have been posted on the class website;

**Quiz Date:** \_\_\_\_\_

**Dates for extra help: Day 3, 4, 5 morning recess**